

**CALIFORNIA TRAFFIC CONTROL DEVICES COMMITTEE  
2001 ANNUAL REPORT**

This report is prepared in compliance with Article V of the Bylaws of the California Traffic Control Devices Committee (CTCDC).

**2001 VOTING MEMBERS**

Mr. Ray Mellen ACSC	Chairman, CTCDC Auto Club of Southern California 3333 Fairview Road, A131 Costa Mesa, CA 92626Chairman
Mr. Jim Larsen CSAC	Vice Chairman, CTCDC Associate Director, Tulare County Resource Mgmt. Agency 908 S. Giddings Street Visalia, CA 93277
Ms. Merry Banks CSAA	Manager, Traffic Safety Department California State Automobile Association 150 Van Ness Avenue, MS A03C San Francisco, CA 94102-1860
Mr. John Fisher LOCC	Assistant General Manager City of Los Angeles DOT 221 N. Figueroa Street, Suite 500 Los Angeles, CA 90012
Mr. Gerry Meis CALTRANS	California Department of Transportation 1120 N Street Sacramento, CA 95814
Mr. Farhad Mansourian CSAC	Chief Asst. Director Department of Public Works, Marin County P.O. Box 4186 San Rafael, CA 94913
Capt. Ike Iketani CHP	California Highway Patrol 2555 First Avenue Sacramento, CA 95818
Mr. Wayne Tanda LOCC	Director of Transportation City of San Jose 4 North Second Street, Suite 1000 San Jose, CA 95113

The following alternate members were designated by the parent organizations to act in the absence of their appointed voting members:

**2001 ALTERNATE MEMBERS**

Mr. Richard Backus ACSC	Auto Club of Southern California 3333 Fairview Road, A131, Costa Mesa, CA 92626
Mr. John Squier CSAC	Assistant Deputy Director Los Angeles County DPW 900 S. Fremont Avenue, Alhambra, CA 91803
Mr. Dwight Ku CSAA	California State Automobile Association 980 Ninth Street, Suite 1520 Sacramento, CA 95814
Mr. Jacob Babico CSAC	Chief Traffic Division San Bernardino County 825 E. Third Street, San Bernardino, CA 92412
Mr. Mark Greenwood LOCC	Engineering Manager City of Palm Desert 73-510 Fred Waring Dr., Palm Desert, CA 92260
Mr. John Presleigh CSAC	Assistant Director Transportation Division Santa Cruz County DPW 701 Ocean street, Room 410, Santa Cruz, Ca 95060
Mr. Devinder Singh CALTRANS	California Department of Transportation 1120 N Street Sacramento, CA 95814
Lt. Julie Page CHP	California Highway Patrol 2555 First Avenue Sacramento, CA 95818
Mr. Ed Von Borstel LOCC	Deputy Director Public Works & Transportation City of Modesto

1010 Tenth Street, Modesto, CA 95353

**SECRETARY**

Mr. Devinder Singh

California Department of Transportation  
1120 N Street, MS36  
Sacramento, CA 95814

**2001 MEETINGS**

February 15, 2001	701 Ocean Street Board of Supervisors Conference Rm.	Santa Cruz
June 7, 2001	Caltrans, District 11 District Auditorium	San Diego
September 27, 2001	1220 N Street Auditorium Department of Food & Agriculture	Sacramento

**2001 CTCDC AGENDA ITEMS**

<b><u>Agenda Item No.</u></b>	<b><u>Title</u></b>
00-4	USE OF RAISED PAVEMENT MARKERS IN A TRANSVERSE PATTERN
00-7	MODIFICATION OF WINDING ROAD (W14) SIGN
01-1	U-TURN SIGNAL HEADS
01-2	PROPOSAL TO EXPAND THE COMMITTEE
01-3	PEDESTRIAN COUNTDOWN SIGNAL HEADS
01-4	TACTILE PEDESTRIAN INDICATOR WITH AUDIBLE INFORMATION
01-5	ACCESSIBLE PEDESTRIAN SIGNAL
01-6	SUPPLEMENT SIGNS ON CHANNELIZERS
01-7	PEDESTRIAN COUNTDOWN SIGNAL HEADS
00-8	IN-ROADWAY FLASHING LED RED LIGHTS AT R/R CROSSING
01-9	IN-ROADWAY WARNING LIGHTS AT R/R CROSSINGS
01-10	RED FLAGS USE AT PEDESTRIAN CROSSWALKS
01-11	TEMPORARY OR PORTABLE SPEED DISPLAY SIGN
01-12	BLINKERSTOP SIGN
01-13	USE OF NON-STANDARD TRAFFIC ROADWAY SIGNS, LOS ANGELES AIRPORT

**INFORMATION ITEMS:**

99-11	MUTCD ADOPTION BY CALTRANS
	BLINKERSTOP SIGN
	IMPACTABLE PEDESTRIAN CROSSING DEVICES
	DEVELOPMENT OF SPECIFICATIONS FOR YELLOW & GREEN LED SIGNAL HEADS
	DON'T PASS WHEN RED LIGHTS FLASHING SIGN

**DISCUSSION ITEMS:****VIDEO ENFORCED SIGN****COMMITTEE ACCOMPLISHMENTS****00-7 MODIFICATION OF WINDING ROAD (W14) SIGN**

The Committee determined that the current Winding Road (W14) signing policy is adequate to sign winding roadways and decided not to recommend a modified policy as proposed by the Los Angeles County.

**01-1 U-TURN SIGNAL HEADS**

The Committee decided that the U-turn signal arrow within traffic signal heads is not a new traffic control device and recommended that the Department develop appropriate standards to ensure visibility and make the U-turn signal indicator an official traffic control device.

**01-2 PROPOSAL TO EXPAND THE COMMITTEE**

This item was discussed in a special meeting held on September 26, 2001 with vendors, suppliers and manufacturers. The expansion of the Committee issue was brought to the CTCDC by the vendors/suppliers. There was a lengthy discussion among the participants about the pros & cons in regards to the expansion of the Committee. The Committee is in existence because the Department is required, under the law, to consult with local agencies before adopting standards and specifications for a new traffic control devices. There was a belief that having vendors/suppliers on the Committee, as a member, might raise the issue of conflict of interest. Individuals who would not be satisfied with the decision/decisions could legally challenge vendors/suppliers association with the CTCDC. However, the participants were agreed that there is at least a need to improve communication between the private sector and the CTCDC. Another suggestion was to add industry/vendors on a mailing list and if they believe an agenda item needs their input, they would be able to approach the Committee or vice versa. It was the consensus that the workshop discussion would improve communication between the Committee and vendors.

**01-3 PEDESTRIAN COUNTDOWN SIGNAL HEADS**

The Committee approved an experiment requested on “pedestrian countdown signal heads” for the City of Fountain Valley.

**01-6 SUPPLEMENT SIGNS ON CHANNELIZERS**

The Committee recommended that the following paragraph be added in to the Traffic Manual under Section 4-01.27:

“When needed for emphasis to facilitate traffic safety on streets with speed limits of 35 miles per hour or less, small plastic signs not exceeding 12 inches in width may be mounted on channelizers, cones or portable delineators to be placed on

lane lines and/or centerlines. When installed, they shall supplement permanently mounted standard signs and shall use standard legends, sign colors and retroreflectivity, but in a smaller, proportional format. If the device is used on lane lines, there must be an engineering study, which documents the limited potential of the device to be struck due to lane changing.”

The Committee further recommended that the following paragraph be deleted from Section 10-03.4:

“Portable school signs (except hand-held units for adult crossing guards, school safety patrols, and school bus drivers) shall not be placed within the roadway any time.”

**01-7 PEDESTRIAN COUNTDOWN SIGNAL HEADS**

The Committee approved an experiment requested on “pedestrian countdown signal heads” for the City of Oakland.

**01-8 IN-ROADWAY FLASHING LED RED LIGHTS AT R/R CROSSING**

The Committee denied the experiment request with In-Roadway Warning Lights at a R/R crossing submitted by the City of Simi Valley. There were two reasons for denying the request. One, the proposed location is new construction and there is no before data available at the proposed location, therefore, the success of an experiment could not be measured. Second, the California Public Utilities Commission is in the process of submitting a larger package, which includes a number of locations to conduct an experiment with In-Roadway Warning Lights at the R/R crossings.

**01-9 IN-ROADWAY WARNING LIGHTS AT R/R CROSSINGS**

The Committee approved an experiment requested on “In-Roadway Warning Lights at R/R crossings” subject to the FHWA experimentation approval for the California Public Utilities Commission.

**01-10 RED FLAGS USE AT PEDESTRIAN CROSSWALKS**

The Committee decided that flags proposed for use at crosswalks appear to be a traffic control device used for work zones; therefore, the Committee denied the request for experimentation.

**01-11 TEMPORARY OR PORTABLE SPEED DISPLAY SIGN**

The Committee members voted 4-4 on a motion that a “temporary or portable speed display sign is not a traffic control device.” Caltrans agreed to review the MUTCD, CTCDC previous record, and other available data on this and update the Committee during the January 2002 Meeting.

**01-12 BLINKER STOP SIGN**

The Committee authorized experimentation with the “BlinkerStop” stop sign requested by different agencies.

**01-13 USE OF NON-STANDARD TRAFFIC ROADWAY SIGNS, LOS ANGELES AIRPORT**

The Committee denied a request to experiment with guide signs for airport signing by the Los Angeles Airport Authority. The Committee suggested that Los Angeles Airport authority work with the Los Angeles Department of Transportation and the California Department of Transportation, to find a reasonable solution, which is acceptable to all parties.

**SUMMARY OF ACCOMPLISHMENTS 2001**

- 1 items carried over from 1999
- 2 item carried over from 2000
- 19 items considered in 2001
- 16 items introduced in 2001
- 3 item not completed in 2001
- 16 items completed in 2001

**ITEMS CARRIED INTO FUTURE YEAR**

- Item 99-11 MUTCD ADOPTION BY CALTRANS
- Item 00-4 USE OF RAISED PAVEMENT MARKERS FOR TRANSVERSE PLACEMENT
- Item 01-5 ACCESSIBLE PEDESTRIAN SIGNALS

**ITEMS APPROVED FOR EXPERIMENTATION**

- Item 99-10 TACTILE PEDESTRIAN INDICATORS  
(Experiment Agency-City of Los Angeles)
- Item 99-12 SPEED STRIPING FOR SMART CROSSWALKS  
(Experiment Agency-Caltrans D7)
- Item 99-13 ILLUMINATED PAVEMENT MARKERS ON  
MEDIAN BARRIERS (Experiment Agency-Caltrans D7)
- Item 99-18 GROUND MOUNTED LED LIGHTS ON STOP BARS  
(Experiment Agency-City of Anaheim)
- Item 00-1 BICYCLE PAVEMENT MARKING  
(Experiment Agency-City of San Francisco)

- Item 00-3     JAKE BRAKE SIGN  
(Experiment Agency-City of Auburn)
- Item 00-5     USE OF LED PAVEMENT MARKERS AS A LEFT TURN GUIDANCE  
DEVICE (Experiment Agency-City of Stockton and Caltrans D10)
- Item 00-6     PEDESTRIAN COUNTDOWN SIGNAL HEADS  
(Experiment Agency-City of San Francisco)
- Item 00-8     PEDESTRIAN COUNTDOWN SIGNAL HEAD  
(Experiment Agency-City of San Jose)
- Item 00-9     PEDESTRIAN COUNTDOWN SIGNAL HEAD  
(Experiment Agency-City of Stockton)
- Item 01-3     PEDESTRIAN COUNTDOWN SIGNAL HEAD  
(Experiment Agency-City of Fountain Valley)
- Item 01-4     TACTILE PEDESTRIAN INDICATOR WITH AUDIABLE INFORMATION  
(Experiment Agency – The City of Santa Cruz)
- Item 01-7     PEDESTRIAN COUNTDOWN SIGNAL HEAD  
(Experiment Agency – The City of Oakland)
- Item 01-9     IN-ROADWAY WARNING LIGHTS AT R/R CROSSINGS  
(Experiment Agency – California Public Utilities Commission)
- Item 01-12    BLINKERSTOP SIGN  
(Experiment Agency – Caltrans, Tulare Co., Marin Co.)

#### **STATUS OF CALTRANS ACTION ON PAST ITEMS**

- Item 90-7     BICYCLE SIGNAL HEADS (BSH)  
Caltrans is developing a standard plan for these. The Traffic Manual will be changed to reflect the BSH warrants.
- Item 93-18    CROSSWALKS, SEQUENTIAL LIGHTING (In-Roadway Warning Lights  
(IRWL) at Crosswalks)  
The Millennium Edition of the MUTCD 2000 has added text on IRWL at crosswalks. Caltrans will incorporate the guidelines to the Traffic Manual in Chapter 9, Traffic Signals.
- Item 96-7     SPEED LIMIT SIGNING  
Traffic Manual has been updated and posted on the Traffic Operations WebPages:  
<http://www.dot.ca.gov/hq/traffops/signtech/signdel/>
- Item 99-3     AUDIBLE PEDESTRIAN SIGNAL POLICY



Caltrans would review the language used in the Millennium Edition of MUTCD 2000 and work with the impaired community before making any changes to the Traffic Manual on the policy of Audible Pedestrian Signals.

Item 01-1      U-TURN SIGNAL HEAD INDICATOR

Caltrans will develop appropriate standards to ensure visibility and make the U-turn signal head indicator an official traffic control device by inclusion in the Traffic Manual.

Item 01-6      SUPPLEMENT SIGNS ON CHANNELIZERS

Caltrans will develop the policy for this and discuss with the Committee.

**MISCELLANEOUS**

Captain Ike Iketani is the new CTCDC member, representing CHP, replacing Captain Karen Douglas. Lieutenant Julie Page is the alternate member, representing CHP, replacing Lieutenant Mark Rasmuseen. Mr. John Squier retired and was replaced by Mr. Jacob Babico as the alternate member representing the California State Association of Counties in the southern half of the State.

**CTCDC Agenda, Minutes, Annual Reports, and other information is available on the Internet at " <http://www.dot.ca.gov/hq/traffops/signtech/newtech/>" under the Office of Signs and Delineation web page.**

Additional information regarding the minutes of the CTCDC meetings held during 2001 may be obtained upon request from the Executive Secretary or any member of the California Traffic Control Devices Committee.

Respectfully submitted by Devinder Singh, Executive Secretary, CTCDC

### **SIGN SPECIFICATIONS**

All additions, revisions and deletions of approved sign specifications made by Caltrans during 2001, will be distributed separately.

As provided in California Vehicle Code Sections 21400 and 21401, a list of new and revised specification sheet for signs used on streets and highways in California is available from the Caltrans Publications Unit, 1900 Royal Oaks Drive, Sacramento, CA 95815, phone (916) 445-3520.